

User guide

X-Lite Wheelchair

Code: 3038, 3039, 3043, 3044



Manual 3038, 3039



Transit 3043, 3044



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Intended use

The X-Lite Wheelchair is a manually operated mobility aid designed to assist individuals who cannot walk independently or safely due to reduced lower limb strength, coordination, or endurance.

It is intended for a single occupant, up to 110 kg, and may be self-propelled or attendant-propelled. Users must have adequate sitting balance and trunk control; self-propelling users must also have sufficient upper body strength, coordination, vision, and cognition to operate the wheelchair safely.

The X-Lite Wheelchair is suitable for indoor and outdoor use on firm, stable surfaces in domestic, community, or healthcare environments. It is lightweight and compact for ease of handling and transport.

Contraindications

The X-Lite Wheelchair is not intended for use by individuals who lack sufficient postural control or require specialized seating or positioning supports.

It should not be used as a transport or restraint device in motor vehicles, or on steep, uneven, or unstable terrain.

Users and attendants should be trained in safe operation and handling before use.

Warnings

Symbols used in this user manual and their meanings.



WARNING! Failure to heed this warning may result in damage to the product or serious injury to the operator/user.



CAUTION! Beware of pinch points and entrapment hazards.



ATTENTION! Read and understand the instructions in the user guide before using the product.



WARNING! DO NOT use as a seat in a motor vehicle.

Safety precautions



ATTENTION! This user manual must be read before using the wheelchair. Severe injury or death may result if user instructions, maintenance instructions and product warnings are not followed.



WARNING! DO NOT use as a seat in a motor vehicle.



WARNING! The decision to use this wheelchair should always be guided by a qualified Health Care Professional.



CAUTION! Do not put your fingers into the braking system. Be aware when folding and unfolding the wheelchair.

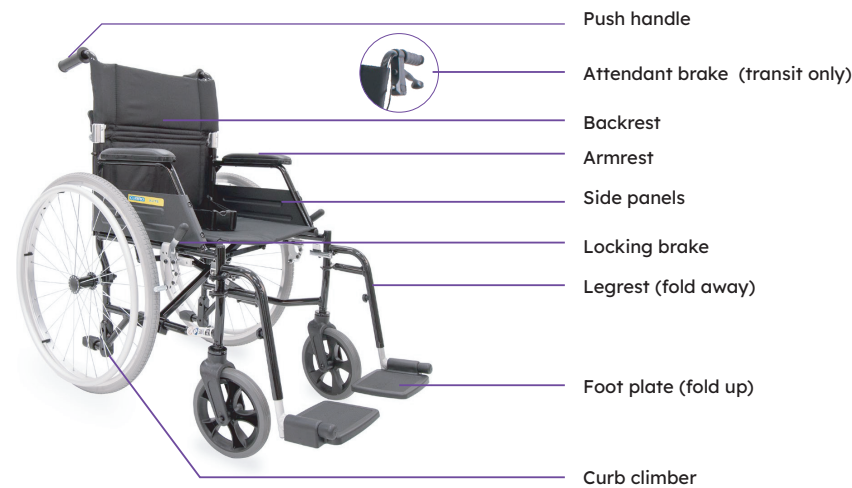
- **DO NOT exceed the safe working load of 110kg.** This weight limitation applies to the combined weight of the user and any items carried by the user. If you exceed the limit, you may fall, tip over or lose control of the wheelchair and seriously injure yourself or others.
- Prior to using the wheelchair, please check whether all parts attached have been fastened properly.
- The first attempts at moving the wheelchair should take place on a level and manageable surface. Familiarise yourself intensively with the braking and accelerating behaviour of the wheelchair when moving straight ahead and turning corners. It is recommended that a Health Care Professional provide wheelchair training skills to reduce the risk and injury and increase independence of the user.
- Please note that padded parts can become hot in direct sunlight and lead to skin injury on contact.
- The wheelchair may not be misused for transporting several persons or loads. Observe the specific function of the wheelchair.
- Never use your wheelchair while under the influence of alcohol or other substances that may influence your ability to react or your physical and mental receptiveness.
- Please note that redistribution of weight due to body movements or loading the wheelchair can increase the risk of tipping over.
- Approach cross grooves, tracks and similar impassibilities at a right angle (90°), if you cannot move around them.
- There is a danger of tipping over to the rear starting at an angle of +10°.
- Avoid wheeling against obstacles (steps, kerbs) at speed or bumping down steps.
- Never stand on the foot plates to get in and out as the wheelchair could tip over.
- Observe the road traffic regulations when on the road. If possible, wear bright, noticeable clothes so you will be seen better.

- Always make use of elevators and ramps.
- A wheelchair should never be lifted with an occupant; it should only be pushed.
- Before each use, the following should be checked:
 - Quick-release axles (if fitted) on the rear wheels/tyres.
 - Wheel locks.
- Use the wheelchair only for the purpose it is intended for.
- Unprofessional or incorrect adaptation or adjustment work could increase the risk of accidents.

Product specifications

Product Code:	3038	3039	3043	3044
Safe working load	110kg	110kg	110kg	110kg
Seat width	400mm	450mm	400mm	450mm
Seat depth	410mm	410mm	410mm	410mm
Back height	450mm	450mm	450mm	450mm
Floor to seat height	500mm	500mm	500mm	500mm
Overall width	650mm	700mm	650mm	700mm
Overall length	1050mm	1050mm	900mm	900mm
Overall height	930mm	930mm	930mm	930mm
Height of armrest	210mm	210mm	210mm	210mm
Closed width	300mm	300mm	300mm	300mm
Wheelchair weight	11.4kg	11.4kg	10.6kg	10.6kg

List of components



Contact Cubro if you wish to purchase any componentry or spare parts.

Safety labels

Labels marked on the product and their meanings:

X-Lite Wheelchair # 3038

Cubro Ltd, 149 Taurikura Drive, Tauriko, Tauranga 3110, New Zealand

AU: Cubro Australia Pty Ltd, Level 2, 700 Springvale Road, Mulgrave, VIC 3170
NZ: Cubro Ltd, 149 Taurikura Drive, Tauriko, Tauranga 3110

SWL 110kg

cubro.co.nz
cubro.com.au

Cubro[®]

Inspected Serial No.
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

	Model		Manufacturer
	Sponsor		Medical device
	Refer to instructions for use		Safe working load
	Do not use as a seat in a motor vehicle		



WARNING! All labels must remain readable. Contact Cubro to immediately replace unreadable or missing labels. The serial number label is very important for identifying the product. It must not be removed.

Instructions for use

Assembly

The wheelchair is completely packed in a cardboard box. Please keep the packing, if possible, it may serve for storing the wheelchair at a later time. Open the carton carefully. Do not use a box cutter or sharp implement as this may cause damage to the product. For your safety, lay the carton on its side with the top of the carton open and slide the plastic bag out containing the wheelchair. Upon receipt, immediately check the content for completeness and sound condition. The content consists of:

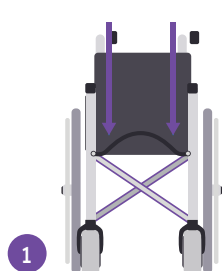
- 1 covering box;
- 1 wheelchair preassembled;
- 1 pair of leg supports with foot plates; and
- 1 user manual

Generally, your wheelchair is delivered completely assembled, folded and with the drive wheels mounted. To make it ready for use, some easy and simple hand movements are required.

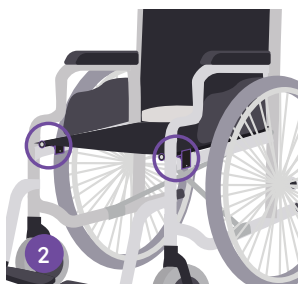
Unfolding the wheelchair



CAUTION! Be careful not to catch your fingers when following the instructions below.



Position yourself behind the wheelchair and press down the cross-bar with both hands.



Make sure that the crossbar engages properly with the supports.

You will hear and feel this click into place.



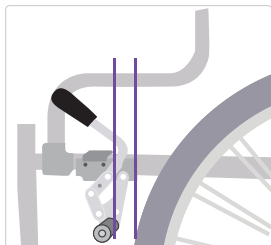
Mount the leg supports and swing them forward, they will snap in audibly.

Adjustments

Only trained specialists should adjust brakes. However, should you have sufficient experience, you may also carry out this adjustment yourself. Seek guidance from your Health Care Professional for assistance.



WARNING! Do not attempt to make any adjustments without advice from your Health Care Professional.



Brakes

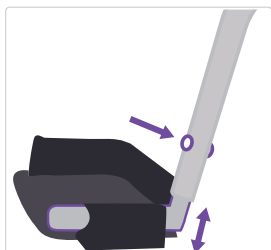
The distance between the brake bolts and the tyre cover must be 17mm with the brake fully open.

To adjust the distance, loosen the bolts. Move the brakes into the correct position.

Afterwards, tighten the bolts again and check the brake function.



WARNING! Incorrectly adjusted brakes may result in a life-endangering consequence.



Lower leg length

Loosen the screw and move the foot plate into a position that is comfortable for you.

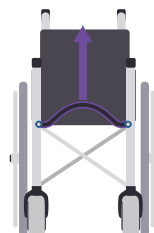
Tighten the screw again.

Folding the wheelchair for transport

Your wheelchair can be easily folded for storage and ease of transportation (such as in a private vehicle). If further disassembly is required, the rear wheels on the manual model are on a quick release mechanism and can be removed easily.

Folding the wheelchair

- Fold the foot plates upwards.
- Remove the legrests.
- Release the velcro strip that connects seat and back upholstery
- Pull the upholstery upwards in centre. The wheelchair will then fold up automatically





WARNING! DO NOT use as a seat in a motor vehicle.

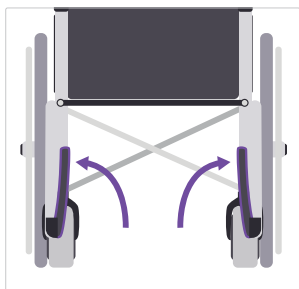
Using your wheelchair



WARNING! If you ignore these warnings below, you may fall, tip over or lose control of the wheelchair and seriously injure yourself or others or damage the wheelchair

WARNING! It is recommended that a Health Care Professional provide wheelchair training skills to reduce the risk and injury and increase independence of the user.

WARNING! As a safety measure, the foot plates will always be in an upright position before sitting or getting out of the chair in a forward movement



Foot Plates

Fold up the foot plates to facilitate getting in and out.

To fold up the wheelchair in a space saving manner, the foot plates must be folded upwards.



Legrests

To remove the leg supports, first fold up the foot plates.

Now open the locking device (1) and turn the legrests outwards (2).

Now you can remove the legrest in an upward direction (3).

Transferring in and out of your wheelchair



WARNING! ALWAYS seek guidance from your Health Care Professional to learn safe transfer methods and the level of assistance required.

Transferring in or out of your wheelchair is one of the most dangerous things you can attempt relating to your wheelchair. It requires good balance, agility and upper body conditioning. At some point in every transfer, there is no wheelchair seat beneath you and the seat, bed, etc. to or from which you are transferring is not beneath you either.

Transferring in and out forwards

- Fold the foot plates upwards and pivot the legrests towards the exterior.
- Place the wheelchair and the current or future seating surface as close to the front of one another as possible.
- Should you wish to transfer from another wheelchair or another seat to the wheelchair, make sure that the wheels are secured by applying the locking brakes.
- Now slide onto the seating surface by twisting your body. Make sure you are sitting in the seat as far back as possible.
- Subsequently, swivel the legrests back in centre position, fold down the foot plates and rest your feet thereon.

Moving ahead with the help of an assistant

The assistant controls the wheelchair by pushing the designated pushing handles and utilising the braking system attached to them.

Anti tippers

The anti tippers allow the assistant to tip the wheelchair more easily and hence cross obstacles more easily.



Press down the anti tipper with your foot. Balance can be maintained with the pushing handles.

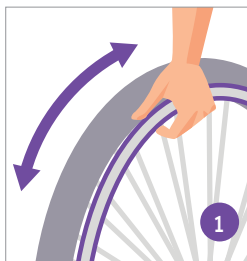
Independent moving

Practice safe handling of your new wheelchair on a flat surface with the assistance of an aide, until you get accustomed to it.

Be especially careful when moving on inclined surfaces and when overcoming obstacles. It is advisable to wear gloves when moving the chair independently.



CAUTION! When moving the wheelchair, make sure that you do not touch the top of the tyre with your thumb. Danger of getting jammed between tyre and side panel.



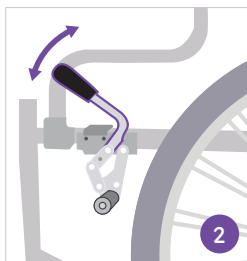
The wheelchair is set in motion and slowed down via the push rim (1).

To move the wheelchair ahead, put your hand on the push rim, so that only your thumb and bent index finger touch the push rim. The other fingers are closed to a fist.

To slow down, let the push rim glide between your thumb and bent index finger and slow it down with a tightening grip until the wheelchair comes to a stop.

To steer the wheelchair into a left and right direction, slow down the push rim on that side you would like to direct it.

To turn the wheelchair on the spot, one hand pushes forward, while at the same time the other hand pushes backwards.



Applying the brakes

Push the brake lever (2) forward until it locks by itself. You can release the locking brake by retracting the lever.

Hills, slopes, ramps, and steps



WARNING! ALWAYS seek guidance from your Health Care Professional before attempting to any hills, slopes or ramps.

The center of balance of your chair is affected by the slope of the surface over which you are riding. Because your center of balance will be affected, your chair will be less stable when it is at an angle. This is especially true when riding on a slope sideways. Furthermore, do not assume anti-tips will prevent a fall or tip-over under these conditions.

- NEVER start up or down a ramp unless you are certain the ramp is wide enough for its entire length so your wheels will not fall off the edge.
- NEVER use your chair on a slope greater than 10%—a slope with an elevation greater than one meter in height for every ten meters in length.
- NEVER stop on a steep slope. If you stop on a steep slope, you may not be able to maintain control of the chair.
- NEVER use rear wheel locks as a brake to slow or stop your chair. Wheel locks are NOT brakes. Doing so will most likely cause the chair to veer out of control.
- NEVER try to turn around or change direction when going up or down a slope.
- In order to control your speed, ALWAYS keep pressure with your hands on the hand rims when going down a hill, slope or ramp. If using the attendant propelled model, ensure the attendant slows the chair using the brakes on the push handles.
- DO NOT go too fast. Excessive speed may cause you to lose control of the chair, or it may cause the casters to flutter which can cause a fall or tip-over.
- NEVER exert too much force. The medical team in charge of the user will advise you in the methods best suited to your physiology.



WARNING! The use of anti-tips will not guarantee that your chair will not tip over backward. They will also not prevent your chair from tipping over sideways or forward.



The attendant can use the anti-tipper to raise the front wheels slightly above small curbs.



Take care riding on a slope sideways. Avoid when possible.

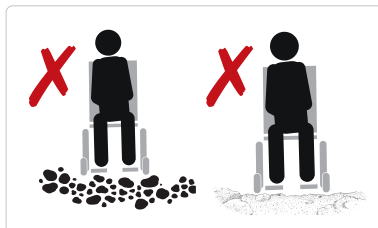
Environmental conditions/terrain



WARNING! ALWAYS seek guidance from your Health Care Professional before attempting to negotiate any unfamiliar terrain.

Using your wheelchair on wet, icy or other slick surfaces increases the risk of losing control and or tipping over.

The wheelchair is designed for riding over firm, relatively smooth surfaces such as concrete and asphalt outdoors and indoor flooring and carpeting. The wheelchair is NOT designed for riding over sand, loose soil or rough terrain. DO NOT operate your chair in such terrain. You may damage the wheels or axles or loosen fasteners of your chair.



Troubleshooting

Wheelchair is steering/ pulling to one side	<ul style="list-style-type: none"> • Make sure the user is able to evenly distribute their weight on the wheelchair • Make sure one push rim has not been mounted more tightly than the other • Ensure both front castors forks are adjusted to the same angle at the frame mounts
The wheelchair moves slowly	<ul style="list-style-type: none"> • Remove any hair or dirt from castor and rear wheel axles • Ensure user clothing is not interfering with movement of the rear wheels • Ensure both brakes are disengaged
The wheelchair does not turn smoothly	<ul style="list-style-type: none"> • Make sure the front fork bolts are not over tightened which can restrict front castor wheel rotation • Remove any hair or dirt from castor axles • Ensure both brakes are disengaged
The brakes do not work properly	<ul style="list-style-type: none"> • Check distance between tyres and brake foot is sufficient such that the requisite amount of force can be applied to the tyre surface to stop it moving when the brake is in the engaged position
The wheelchair cannot be opened or folded easily	<ul style="list-style-type: none"> • Clean the crossbar under the seat and apply some grease • Check that nothing has become lodged under the seat or in and around the cross bar mechanism. • Check foot plates are folded up
The wheelchair is unstable	<ul style="list-style-type: none"> • Ensure all screws, nuts and bolts are tight

Please contact Cubro should you require any assistance.

Care and maintenance

All fixings must be checked, adjusted and replaced when necessary throughout the useful lifetime of the chair. In particular, check the front and rear wheels, brakes, hangers, armrests and upholstery regularly.

In addition to the maintenance and checks, general cleaning of both frame and upholstery can be undertaken. The frame parts of the wheelchair can be wiped using a damp cloth. Light soiling can be removed by sponging with a mild detergent and warm water, wiping in the direction of the texture.

Rinse off with clean water before allowing to dry. Do not put upholstery in a dryer. The padding materials can be washed up to 40 degrees with mild soap solution sanitised with disinfecting agents on an alcohol basis, where required. In case of heavy soiling, use a mild cleaning agent.

To clean the wheels use a damp brush with plastic bristles (do not use a steel brush). The expected service life of the Xlite Wheelchair range is 5 years from date of purchase.



WARNING! Do not use a high-pressure or vapour cleaning device!

A periodic check of the following procedures will help sustain the life and efficiency of your wheelchair:

Weekly	Quarterly	
<ul style="list-style-type: none"> • Check for missing or damaged parts. • Check the pressure of the wheels following the instructions indicated on them. • Clean the upholstery with soapy water or adequate products. • Clean the metallic parts of the chair with a dry cloth or with special products for chromium plated or painted surfaces • Check the wheel locks. • Check wear of front and rear tyres. 	<ul style="list-style-type: none"> • Check the castors and adjust if necessary. • Check the castor forks and adjust if necessary. • Check the wheels and adjust if necessary. • Lubricate with industrial oil or grease all parts subject to friction or wear. • Retighten nuts, bolts and screws. 	
Yearly	Serviceable components	
<ul style="list-style-type: none"> • Service to be completed by authorised Cubro service agent 	<ul style="list-style-type: none"> • Wheels • Forks • Axles 	<ul style="list-style-type: none"> • Armrests • Footrests • Seat and back upholstery



WARNING! If faults found during any inspection remove from use immediately.

Disposal

Products that can no longer be used are to be disposed of separately from household rubbish. This must be done according to the local and national regulations for environmental protection and raw material recycling. Please look at your local council's website for further information on the correct disposal.

Servicing

For any servicing, maintenance and troubleshooting queries, please contact the Cubro Service Department:

New Zealand

0800 656 527 +64 7 578 7228

sales@cubro.co.nz

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149 Taurikura Dr, Tauriko, Tauranga, NZ

Australia

1800 656 527

sales@cubro.com.au

cubro.com.au



WARNING! Do not make any changes or modifications to this product without consultation from Cubro

Warranty

Cubro Ltd warrants the product to be free from defects in materials and workmanship from the date of purchase for a period of 1 year (12 months). Please refer to cubro.co.nz for terms and conditions.

For additional copies of this user guide or for a different format, please contact Cubro.



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